

**COMBINED DECLARATION AND POWER OF ATTORNEY**

As a below named inventor, I hereby declare that:

This declaration is of the following type:

- ☐ original
☐ divisional
☐ continuation
☒ continuation-in-part

INVENTORSHIP IDENTIFICATION

My residence, post office address and citizenship are as stated below next to my name. I believe I am the original, first and sole inventor (if only one name is listed below) or an original, first and joint inventor (if plural names are listed below) of the subject matter which is claimed and for which a patent is sought on the invention entitled:

TITLE OF INVENTION

"PLASMA REACTOR WITH OVERHEAD RF ELECTRODE TUNED TO THE PLASMA WITH ARCING SUPPRESSION"

SPECIFICATION IDENTIFICATION

The specification of which:

- ☐ is attached hereto
☒ was filed on 12/19/2001, under Serial No. 10/028,922, executed on even date herewith; or
☐ Express Mail No. @ (as Serial No. not yet known)
and was amended on _____ (if applicable)
☐ was described and claimed in PCT International Application No. _____
filed on _____ and as amended under PCT Article 19 on _____.

This application in part discloses and claims new subject matter as well as subject matter in the earlier-filed application:

Serial No.: 9/527,342
Filed: 3/17/2000
For: PLASMA REACTOR WITH OVERHEAD RF ELECTRODE
NED TO THE PLASMA

ACKNOWLEDGEMENT OF REVIEW OF PAPERS AND DUTY OF CANDOR

I hereby state that I have reviewed and understand the contents of the above-identified specification, including the claims, as amended by any amendment referred to above.

I acknowledge the duty to disclose all information I know to be material to patentability in accordance with Title 37, Code of Federal Regulations, §1.56, and which is material to the examination of this application; namely, information where there is a substantial likelihood that a reasonable Examiner would consider it important in deciding whether to allow the application to issue as a patent, and

- ☐ In compliance with this duty there is attached an Information Disclosure Statement in accordance with 37 CFR §1.98.

PRIORITY CLAIM (35 U.S.C. §119)

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☒ No such applications have been filed.

☐ Such applications have been filed as follows:

A. Prior foreign/PCT application(s) filed within 12 mos. (6 mos. for design) prior to this application, and any priority claims under 35 U.S.C. §119

<u>Country/PCT</u>	<u>Application No</u>	<u>Date Filed</u>	<u>Priority Claimed</u>
			<input type="checkbox"/> Yes <input type="checkbox"/> No
			<input type="checkbox"/> Yes <input type="checkbox"/> No
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B. All foreign application(s), if any, filed more than 12 mos. (6 mos for design) prior to this U.S. application

Country:
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PRIORITY CLAIM (35 U.S.C. §120)

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09/527,342	March 17, 2000	Pending

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I hereby appoint the following attorneys and/or agents to prosecute this application and transact all business in the Patent and Trademark Office connected therewith:

Peter J. Sgarbossa	Registration No. 25,610
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Full name of sole or first inventor: Daniel J. Hoffman

Inventor's signature: Daniel J. Hoffman Date: 2-22-02
Residence: SARATOGA, CA 95070
Post Office Address: 12343 ARROYO DE ARGUELLO
SARATOGA, CA 95070
U.S.A. Country of Citizenship: USA

Full name of second inventor: Gerald Zheyao YIN*

Inventor's signature: _____ Date: _____
Residence: SAN JOSE, CA 95138
Post Office Address: 5511 COUNTRY CLUB PARKWAY
SAN JOSE, CA 95138
U.S.A. Country of Citizenship: USA

Full name of third inventor: Yan Ye

Inventor's signature: _____ Date: _____
Residence: CAMPBELL, CA, 95070
Post Office Address: 13271 VIA ARRIBA DRIVE
CAMPBELL, CA, 95070
U.S.A. Country of Citizenship: USA

Full name of **fourth** inventor: Dan Katz

Inventor's signature: _____ Date: _____

Residence: AGOURA HILLS, CA 91301

Post Office Address: 5520 EMBER COURT
AGOURA JILLS, CA 91301
U.S.A.

Country of Citizenship: USA

Full name of **fifth** inventor: Douglas A. Buchberger, Jr.

Inventor's signature: _____ Date: _____

Residence: LIVERMORE, CA 94550

Post Office Address: 2076 VINTAGE LANE
LIVERMORE, CA 94550
U.S.A.

Country of Citizenship: USA

Full name of **sixth** inventor: Xiaoye Zhao

Inventor's signature: _____ Date: _____

Residence: MOUNTAIN VIEW, CA 94040

Post Office Address: 117 WHITS ROAD
MOUNTAIN VIEW, CA 94040
U.S.A.

Country of Citizenship: USA

Full name of **seventh** inventor: Kang-Lie Chiang

Inventor's signature: _____ Date: _____

Residence: SAN JOSE, CA 95124

Post Office Address: 1788 ROSSWOOD DRIVE
SAN JOSE, CA 95124
U.S.A.

Country of Citizenship: TAIWAN

Full name of **eighth** inventor: Robert B. Hagen

Inventor's signature: _____ Date: _____

Residence: NEWARK, CA 94560

Post Office Address: 6826 CABERNET AVENUE
NEWARK, CA 94560
U.S.A.

Country of Citizenship: USA

Full name of **ninth** inventor: Matthew L. Miller

Inventor's signature: _____ Date: _____

Residence: NEWARK, CA 94560

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Inventor's signature: Gerald Zheyao Yin Date: 2/20/02
Residence: SAN JOSE, CA 95138
Post Office Address: 5511 COUNTRY CLUB PARKWAY
SAN JOSE, CA 95138
U.S.A. Country of Citizenship: USA

Full name of third inventor: Yan Ye

Inventor's signature: _____ Date: _____
Residence: CAMPBELL, CA, 95070
Post Office Address: 13271 VIA ARRIBA DRIVE
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Residence: AGOURA HILLS, CA 91301

Post Office Address: 5520 EMBER COURT
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Residence: LIVERMORE, CA 94550

Post Office Address: 2076 VINTAGE LANE
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Full name of **seventh** inventor: Kang-Lie Chiang

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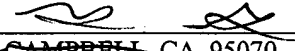
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U.S.A. Country of Citizenship: USA

Full name of third inventor: Yan Ye

Inventor's signature:  Date: 3-15-02
Residence: CAMPBELL, CA, 95070
Post Office Address: 13271 VIA ARRIBA DRIVE
CAMPBELL, CA, 95070
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Saratoga Saratoga

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P. O. Box 450A
Santa Clara, CA 95052.

Direct telephone calls to:

Robert M. Wallace
(805) 644-4035

DECLARATION

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Full name of sole or first inventor: Daniel J. Hoffman

Inventor's signature: _____ Date: _____
Residence: SARATOGA, CA 95070
Post Office Address: 12343 ARROYO DE ARGUELLO
SARATOGA, CA 95070
U.S.A. Country of Citizenship: USA

Full name of second inventor: Gerald Zheyao YIN*

Inventor's signature: _____ Date: _____
Residence: SAN JOSE, CA 95138
Post Office Address: 5511 COUNTRY CLUB PARKWAY
SAN JOSE, CA 95138
U.S.A. Country of Citizenship: USA

Full name of third inventor: Yan Ye

Inventor's signature: _____ Date: _____
Residence: CAMPBELL, CA, 95070
Post Office Address: 13271 VIA ARRIBA DRIVE
CAMPBELL, CA, 95070
U.S.A. Country of Citizenship: USA

Full name of **fourth** inventor:

Dan Katz

Inventor's signature: _____

Date: _____

Residence:

AGOURA HILLS, CA 91301

Post Office Address:

5520 EMBER COURT

AGOURA JILLS, CA 91301

U.S.A.

Country of Citizenship: USA

Full name of **fifth** inventor:

Douglas A. Buchberger, Jr.

Inventor's signature: _____

Date: _____

Residence:

LIVERMORE, CA 94550

Post Office Address:

2076 VINTAGE LANE

LIVERMORE, CA 94550

U.S.A.

Country of Citizenship: USA

Full name of **sixth** inventor:

Xiaoye Zhao

Inventor's signature: _____

Date: _____

Residence:

MOUNTAIN VIEW, CA 94040

Post Office Address:

117 WHITS ROAD

MOUNTAIN VIEW, CA 94040

U.S.A.

Country of Citizenship: USA

Full name of **seventh** inventor:

Kang-Lie Chiang

Inventor's signature: _____

Date: _____

Residence:

SAN JOSE, CA 95124

Post Office Address:

1788 ROSSWOOD DRIVE

SAN JOSE, CA 95124

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Country of Citizenship: TAIWAN

Full name of **eighth** inventor:

Robert B. Hagen

Inventor's signature: _____

Date: _____

Residence:

NEWARK, CA 94560

Post Office Address:

6826 CABERNET AVENUE

NEWARK, CA 94560

U.S.A.

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Full name of **ninth** inventor:

Matthew L. Miller

Inventor's signature: _____

Date: _____

Residence:

NEWARK, CA 94560

Post Office Address:

35457 ORLEANS DRIVE

NEWARK, CA 94560

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COMBINED DECLARATION AND POWER OF ATTORNEY

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NED TO THE PLASMA

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CAMPBELL, CA, 95070
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Inventor's signature: _____ Date: _____

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Post Office Address: 5520 EMBER COURT
AGOURA HILLS, CA 91301
U.S.A.

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Full name of **fifth** inventor: Douglas A. Buchberger, Jr.

Inventor's signature: _____ Date: _____

Residence: LIVERMORE, CA 94550

Post Office Address: 2076 VINTAGE LANE
LIVERMORE, CA 94550
U.S.A.

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Full name of **sixth** inventor: Xiaoye Zhao

Inventor's signature:  Date: 2/22/02

Residence: MOUNTAIN VIEW, CA 94040

Post Office Address: 117 WHITS ROAD
MOUNTAIN VIEW, CA 94040
U.S.A.

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Post Office Address: 1788 ROSSWOOD DRIVE
SAN JOSE, CA 95124
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☐ In compliance with this duty there is attached an Information Disclosure Statement in accordance with 37 CFR §1.98.

PRIORITY CLAIM (35 U.S.C. §119)

I hereby claim foreign priority benefits under Title 35, United States Code, §119, of any foreign application(s) for patent or inventor's certificate or of any PCT international application(s) designating at least one country other than the United States of America listed below, and have also identified below any foreign application(s) for patent or inventor's certificate or any PCT international application(s) designating at least one country other than the United States of America filed by me on the same subject matter having a filing date before that of the application(s) of which priority is claimed.

- ☒ No such applications have been filed.
- ☐ Such applications have been filed as follows:

A. Prior foreign/PCT application(s) filed within 12 mos. (6 mos. for design) prior to this application, and any priority claims under 35 U.S.C. §119

<u>Country/PCT</u>	<u>Application No</u>	<u>Date Filed</u>	<u>Priority Claimed</u>
			<input type="checkbox"/> Yes <input type="checkbox"/> No
			<input type="checkbox"/> Yes <input type="checkbox"/> No
			<input type="checkbox"/> Yes <input type="checkbox"/> No

B. All foreign application(s), if any, filed more than 12 mos. (6 mos for design) prior to this U.S. application

Country:
Application No:
Filing date:

PRIORITY CLAIM (35 U.S.C. §120)

I hereby claim the benefit under Title 35, United States Code, §120, of any United States application(s) or PCT international application(s) designating the United States of America that is/are listed below and, insofar as the subject matter of each of the claims of this application is not disclosed in that/those prior application(s) in the manner provided by the first paragraph of Title 35, United States Code, §112, I acknowledge the duty to disclose information that is material to the examination of this application (namely, information where there is substantial likelihood that a reasonable Examiner would consider it important in deciding whether to allow the application to issue as a patent) which occurred between the filing date of the prior application(s) and the national or PCT international filing date of this application.

- ☐ No such applications have been filed
- ☒ Such applications have been filed, as follows:

<u>Serial No.</u>	<u>Filing Date</u>	<u>Status</u>
		<u>Patented Pending</u> <u>Abandoned</u>
09/527,342	March 17, 2000	Pending

POWER OF ATTORNEY

I hereby appoint the following attorneys and/or agents to prosecute this application and transact all business in the Patent and Trademark Office connected therewith:

Peter J. Sgarbossa	Registration No. 25,610
Donald Verplancken	Registration No. 33,217
Lawrence Edelman	Registration No. 25,226
Raymond Kam-On Kwong	Registration No. 37,165
James C. Wilson	Registration No. 35,412
Joseph Bach	Registration No. 37,771
Robert W. Mulcahy	Registration No. 25,436
Walter Benjamin Glenn	Registration No. 44,713
Robert M. Wallace	Registration No. 29,119

Send correspondence to:

Direct telephone calls to:

Patent Counsel, MS/2061
Legal Affairs Dept.
Applied Materials, Inc.
P. O. Box 450A
Santa Clara, CA 95052.

Robert M. Wallace
(805) 644-4035

DECLARATION

I hereby declare that all statements made herein of my own knowledge are true and that all statements made on information and belief are believed to be true; and, further, that these statements were made with the knowledge that willful false statements and the like so made are punishable by fine or imprisonment, or both, under Sec. 1001 of Title 18 of the United States Code, and that such willful false statements may jeopardize the validity of the application or any patents issued thereon.

Full name of sole or first inventor: Daniel J. Hoffman

Inventor's signature: _____ Date: _____
Residence: SARATOGA, CA 95070
Post Office Address: 12343 ARROYO DE ARGUELLO
SARATOGA, CA 95070
U.S.A. Country of Citizenship: USA

Full name of second inventor: Gerald Zheyao YIN*

Inventor's signature: _____ Date: _____
Residence: SAN JOSE, CA 95138
Post Office Address: 5511 COUNTRY CLUB PARKWAY
SAN JOSE, CA 95138
U.S.A. Country of Citizenship: USA

Full name of third inventor: Yan Ye

Inventor's signature: _____ Date: _____
Residence: CAMPBELL, CA, 95070
Post Office Address: 13271 VIA ARRIBA DRIVE
CAMPBELL, CA, 95070
U.S.A. Country of Citizenship: USA

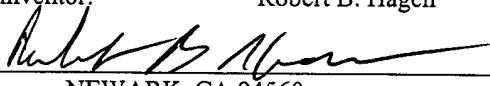
Full name of fourth inventor: Dan Katz

Inventor's signature: _____ Date: _____
Residence: AGOURA HILLS, CA 91301
Post Office Address: 5520 EMBER COURT
AGOURA JILLS, CA 91301
U.S.A. Country of Citizenship: USA

Full name of fifth inventor: Douglas A. Buchberger, Jr.
Inventor's signature: _____ Date: _____
Residence: LIVERMORE, CA 94550
Post Office Address: 2076 VINTAGE LANE
LIVERMORE, CA 94550
U.S.A. Country of Citizenship: USA

Full name of sixth inventor: Xiaoye Zhao
Inventor's signature: _____ Date: _____
Residence: MOUNTAIN VIEW, CA 94040
Post Office Address: 117 WHITS ROAD
MOUNTAIN VIEW, CA 94040
U.S.A. Country of Citizenship: USA

Full name of seventh inventor: Kang-Lie Chiang
Inventor's signature: _____ Date: _____
Residence: SAN JOSE, CA 95124
Post Office Address: 1788 ROSSWOOD DRIVE
SAN JOSE, CA 95124
U.S.A. Country of Citizenship: TAIWAN

Full name of eighth inventor: Robert B. Hagen
Inventor's signature:  Date: 2/22/02
Residence: NEWARK, CA 94560
Post Office Address: 6826 CABERNET AVENUE
NEWARK, CA 94560
U.S.A. Country of Citizenship: USA

Full name of ninth inventor: Matthew L. Miller
Inventor's signature: _____ Date: _____
Residence: NEWARK, CA 94560
Post Office Address: 35457 ORLEANS DRIVE
NEWARK, CA 94560
U.S.A. Country of Citizenship: USA

(Declaration ends with this page)



COMBINED DECLARATION AND POWER OF ATTORNEY

As a below named inventor, I hereby declare that:

This declaration is of the following type:

- ☐ original
- ☐ divisional
- ☐ continuation
- ☒ continuation-in-part

INVENTORSHIP IDENTIFICATION

My residence, post office address and citizenship are as stated below next to my name. I believe I am the original, first and sole inventor (if only one name is listed below) or an original, first and joint inventor (if plural names are listed below) of the subject matter which is claimed and for which a patent is sought on the invention entitled:

TITLE OF INVENTION

"PLASMA REACTOR WITH OVERHEAD RF ELECTRODE TUNED TO THE PLASMA WITH ARCING SUPPRESSION"

SPECIFICATION IDENTIFICATION

The specification of which:

- ☐ is attached hereto
- ☒ was filed on 12/19/2001, under Serial No. 10/028,922, executed on even date herewith; or
- ☐ Express Mail No. @ (as Serial No. not yet known)
- and was amended on _____ (if applicable)
- ☐ was described and claimed in PCT International Application No. _____
- filed on _____ and as amended under PCT Article 19 on _____.

This application in part discloses and claims new subject matter as well as subject matter in the earlier-filed application:

Serial No.: 9/527,342
Filed: 3/17/2000
For: PLASMA REACTOR WITH OVERHEAD RF ELECTRODE
NED TO THE PLASMA

ACKNOWLEDGEMENT OF REVIEW OF PAPERS AND DUTY OF CANDOR

I hereby state that I have reviewed and understand the contents of the above-identified specification, including the claims, as amended by any amendment referred to above.

I acknowledge the duty to disclose all information I know to be material to patentability in accordance with Title 37, Code of Federal Regulations, §1.56, and which is material to the examination of this application; namely, information where there is a substantial likelihood that a reasonable Examiner would consider it important in deciding whether to allow the application to issue as a patent, and

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- ☐ Such applications have been filed as follows:

A. Prior foreign/PCT application(s) filed within 12 mos. (6 mos. for design) prior to this application, and any priority claims under 35 U.S.C. §119

<u>Country/PCT</u>	<u>Application No</u>	<u>Date Filed</u>	<u>Priority Claimed</u>
			<input type="checkbox"/> Yes <input type="checkbox"/> No
			<input type="checkbox"/> Yes <input type="checkbox"/> No
			<input type="checkbox"/> Yes <input type="checkbox"/> No

B. All foreign application(s), if any, filed more than 12 mos. (6 mos for design) prior to this U.S. application

Country:
Application No:
Filing date:

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- ☐ No such applications have been filed
- ☒ Such applications have been filed, as follows:

<u>Serial No.</u>	<u>Filing Date</u>	<u>Status</u>
		<u>Patented Pending Abandoned</u>
09/527,342	March 17, 2000	Pending

POWER OF ATTORNEY

I hereby appoint the following attorneys and/or agents to prosecute this application and transact all business in the Patent and Trademark Office connected therewith:

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Lawrence Edelman	Registration No. 25,226
Raymond Kam-On Kwong	Registration No. 37,165
James C. Wilson	Registration No. 35,412
Joseph Bach	Registration No. 37,771
Robert W. Mulcahy	Registration No. 25,436
Walter Benjamin Glenn	Registration No. 44,713
Robert M. Wallace	Registration No. 29,119

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Robert M. Wallace
(805) 644-4035

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Full name of sole or first inventor: Daniel J. Hoffman

Inventor's signature: _____ Date: _____
Residence: SARATOGA, CA 95070
Post Office Address: 12343 ARROYO DE ARGUELLO
SARATOGA, CA 95070
U.S.A. Country of Citizenship: USA

Full name of second inventor: Gerald Zheyao YIN*

Inventor's signature: _____ Date: _____
Residence: SAN JOSE, CA 95138
Post Office Address: 5511 COUNTRY CLUB PARKWAY
SAN JOSE, CA 95138
U.S.A. Country of Citizenship: USA

Full name of third inventor: Yan Ye

Inventor's signature: _____ Date: _____
Residence: CAMPBELL, CA, 95070
Post Office Address: 13271 VIA ARRIBA DRIVE
CAMPBELL, CA, 95070
U.S.A. Country of Citizenship: USA

Full name of **fourth** inventor: Dan Katz


Inventor's signature: _____ Date: _____
Residence: AGOURA HILLS, CA 91301
Post Office Address: 5520 EMBER COURT
AGOURA JILLS, CA 91301
U.S.A. Country of Citizenship: USA

Full name of **fifth** inventor: Douglas A. Buchberger, Jr.
Inventor's signature: _____ Date: _____
Residence: LIVERMORE, CA 94550
Post Office Address: 2076 VINTAGE LANE
LIVERMORE, CA 94550
U.S.A. Country of Citizenship: USA

Full name of **sixth** inventor: Xiaoye Zhao
Inventor's signature: _____ Date: _____
Residence: MOUNTAIN VIEW, CA 94040
Post Office Address: 117 WHITS ROAD
MOUNTAIN VIEW, CA 94040
U.S.A. Country of Citizenship: USA

Full name of **seventh** inventor: Kang-Lie Chiang
Inventor's signature: _____ Date: _____
Residence: SAN JOSE, CA 95124
Post Office Address: 1788 ROSSWOOD DRIVE
SAN JOSE, CA 95124
U.S.A. Country of Citizenship: TAIWAN

Full name of **eighth** inventor: Robert B. Hagen
Inventor's signature: _____ Date: _____
Residence: NEWARK, CA 94560
Post Office Address: 6826 CABERNET AVENUE
NEWARK, CA 94560
U.S.A. Country of Citizenship: USA

Full name of **ninth** inventor: Matthew L. Miller
Inventor's signature:  _____ Date: 2/25/02
Residence: NEWARK, CA 94560
Post Office Address: 35457 ORLEANS DRIVE
NEWARK, CA 94560
U.S.A. Country of Citizenship: USA

(Declaration ends with this page)